

JOB SHEET 2-4-13 STATUS OF ALERTS

INTRODUCTION

When pre-established alert criteria are met, the WSR-88D automatically generates and sends an alert message to the PUP user. The user can then call up the User Alert Message to see what triggered the latest alert. Another method allows the user to call up a list of all alerts which are currently in effect. This is done via the Status Menu.

This screen contains the alert status at the time of display. That is, even if the alert status changes the screen does not update. To update the display, either press "F4" and press RETURN or retype the command and press RETURN.

Creating alert areas, establishing alert criteria, and interpreting alert messages are covered in other Job Sheets.

OBJECTIVE

Locate and interpret a list of alerts currently in effect for your radar site.

REFERENCES

NWS EHB 6-531-1, USER'S GUIDE: PUP/RPGOP, Section 8.3.2
NWS EHB 6-521-1, USER'S GUIDE: UCP, Section 9.6.1

PROCEDURE

1. From the Main Menu, type **S** and press **RETURN**.
 - This command displays the Status Menu.
2. a. Type **AL** and press **RETURN**.
 - b. The Alert Status screen is displayed. This screen is for **information only**, i.e., no editing is performed here. If no alerts are currently in effect, a message displayed on the feedback line, states "No Alerts Present."

MAIN MENU

COMMAND:
FEEDBACK:

Enter command and press return. For assistance, press the HELP button (F5).

(C)ONTROL
(S)TATUS
(D)ISPLAY
(R)OUTINE PRODUCT SET
(G)EN AND DISTRIBUTE PRODUCTS
(T)IME LAPSE
(A)RCHIVE
(U)SER FUNCTION
(AD)APTATION DATA
(M)ONITOR PERFORMANCE
(H)ELP

STATUS MENU

COMMAND: S,AL
 FEEDBACK:

Enter command.
(N)EXRAD UNIT
(C)COMMUNICATIONS
(T)YPES OF PRODUCTS AVAILABLE IN PUP DATABASE
(P)RODUCTS IN PUP DATABASE, <prod-id#>
, (D)ISPLAY, <line #>, <scr-quad> *
, (DEL)ETE, <line #> *
(E)ARLIEST TIME IN THE DATABASE
(R)PG PRODUCTS AVAILABLE, (D)ISPLAY LAST
, (R)EQUEST NEW
(S)YSTEM
(A)RCHIVE
(B)ACKGROUND MAP FILES
(AL)ERTS
(CA)NCEL ALERT, <LINE #> *
, (A)LL *

* Footnote: List must be on display before entering command.

ALERT STATUS

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COMMAND: S,
FEEDBACK: EXECUTED - S,AL

VOLUME				THR	THR	THR			STORM	
#	DA/TIME	AA#/GRP	CATEGORY	CODE	VALUE	EXCEED	AZ	RAN	ID	ACK
1	17/1823	1/VOL	PRB SV HAIL	3	30 %	80	326	55	F3	N
2	17/1810	1/VOL	PROB HAIL	2	20 %	100	320	57	C0	N
3	17/1823	1/FOR	PROB HAIL	1	10 %	100	326	55	F3	N
4	17/1823	1/GRI	VELOCITY	1	15 kt	123	72	14		N
5	17/1810	2/GRI	VIL	2	35 KG/KM2	37	322	49		N
6	17/1804	2/VOL	MAX STM REF	1	35 dBZ	58	330	26	A0	Y
7	17/1804	2/VOL	STORM TOP	1	20 Kft	50	306	124	D0	Y

ALERTS: 1) VA VH FH GV 2) GL
2) VR VT

3. Entries on this screen can be interpreted as follows:
- a. "#" - Valid alerts are numbered for possible PUP operator cancellation.
 - b. "VOLUME SCAN DATE and TIME" - The RPG volume scan date and time when the alert condition was triggered.
 - c. "ALERT AREA NUMBER and ALERT GROUP" - Alert area number (1 or 2) with Alert Area 1 listed first. The Alert Group identifies the type of alerts present; either Grid, Volume, or Forecast group. Alerts are grouped together with the more severe types listed prior to less severe types. For more information see Job Sheet 2-4-45 or the information sheet on Alerts.
 - d. "CATEGORY" - The storm attribute being measured. Use Category with Alert Group to identify the type of alert.
 - e. "THRESHOLD CODE" - This is the PUP operator selected code which represents a particular value for the associated category. Access the Alert Threshold Value Screen (through the Adaptation Menu, Job Sheet 2-4-45) to obtain the code-value relationships for all categories. These relationships are determined at the UCP.
 - f. "THRESHOLD VALUE" - The minimum value of a storm attribute which will trigger an alert.
 - g. "THRESHOLD EXCEED" - The actual value of the storm attribute which triggered the alert.
 - h. "AZ" - The Azimuth, in degrees, to either the center of the grid box for grid based alerts or the location of the phenomenon for volume or forecasts alerts.
 - i. "RAN" - The Range, in nautical miles, to either the center of the grid box for grid based alerts or the location of the phenomenon for volume or forecast alerts.
 - j. "STORM ID" - The ID number assigned to the storm associated with the alert detected by the RPG. This ID number is the same as found on the Storm Attribute Table.
 - k. "ACK" - This identifies, with an "N" for no or a "Y" for yes, whether the PUP operator has acknowledged the alert. Alerts not acknowledged are always listed first.

END

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a-k

ALERT STATUS

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COMMAND: S,
FEEDBACK: EXECUTED - S,AL

<u>a</u>	<u>b</u>	<u>c</u>	<u>d</u>	<u>e</u>	<u>f</u>	<u>g</u>	<u>h</u>	<u>i</u>	<u>j</u>	<u>k</u>
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